



# Technical Datasheet

## RPB® Astro™ Respirator

### DESCRIPTION

The Astro is a light weight, affordable, supplied air loose fitting respirator for all abrasive blasting applications where there is a need for respiratory, eye, face and head protection.

This respirator does not require face fit testing.

#### Type description

Loose fitting continuous flow supplied air respirator.

| Packages  |                                | Part #    |
|-----------|--------------------------------|-----------|
| NIOSH     | Astro with Standard Nylon Cape | 02-800    |
| CE/AS/NZS | Astro with Standard Nylon Cape | 02-800-CE |

(additional configurations are available)

#### Required Components

- Helmet
- Cape
- Breathing tube
- Flow control device and breathing airline

**Application ranges** (including but not limited to the following)  
Abrasive blasting

### CONSUMABLES

| Required lenses        | Part #     |
|------------------------|------------|
| Inner Lens             | 02-810     |
| Outer Lens             | 02-811-015 |
| Tear-off Lens          | 02-816     |
| <b>For Metal Spray</b> |            |
| Tinted Inner Lens      | 02-810-T   |

#### Warranty

1 year. Conditions apply, visit [rpb.com/legal](https://rpb.com/legal) for full details.



### APPROVALS & STANDARDS

**ISO9001** **CE 2797**  
CERTIFIED COMPANY

EN14594:2005 3B  
RESPIRATORY PROTECTION

**NIOSH**  
National Institute for  
Occupational Safety and Health  
Type CE SAR



AS/NZS 1716:2012  
BMP# 714303

RESPIRATORY PROTECTION

### SPECIFICATIONS

#### Assigned Protection Factor

|           |           |
|-----------|-----------|
| NIOSH     | APF 1000+ |
| CE/AS/NZS | APF 40    |
|           | NPF 500   |

#### Materials

|               |                        |
|---------------|------------------------|
| Polyethylene  | Helmet shell           |
| Nylon         | Injection molded parts |
| Polycarbonate | Inner lens             |
| Santoprene    | Cape coverband         |
| A-PET         | Outer lens             |
| PETG          | Tear-off lens          |

#### Operating temperature

14°F to 140°F / -10°C to 60°C

#### Storage temperature

14°F to 113°F / -10°C to 45°C <90%RH

#### Weight

|                                 |                  |
|---------------------------------|------------------|
| Astro™ with Standard Nylon Cape | 2.83lbs / 1.28kg |
|---------------------------------|------------------|

Protecting you for life's best moments





# Technical Datasheet

## RPB® Astro™ Respirator (continued)

### REQUIRED COMPONENT OPTIONS

#### Breathing airlines Part #

##### NIOSH

|     |                         |        |
|-----|-------------------------|--------|
| RPB | 25ft Breathing Airline  | NV2028 |
|     | 50ft Breathing Airline  | NV2029 |
|     | 100ft Breathing Airline | NV2027 |

|          |                         |            |
|----------|-------------------------|------------|
| Schrader | 25ft Breathing Airline  | 04-342-25  |
|          | 50ft Breathing Airline  | 04-342-50  |
|          | 100ft Breathing Airline | 04-342-100 |

|    |                         |               |
|----|-------------------------|---------------|
| RZ | 25ft Breathing Airline  | 04-352-25-RZ  |
|    | 50ft Breathing Airline  | 04-352-50-RZ  |
|    | 100ft Breathing Airline | 04-352-100-RZ |

Standard hoses max working length - 300ft  
Max working pressure - 300psi

##### CE

|      |                        |            |
|------|------------------------|------------|
| CEJN | 7.5m Breathing Airline | 04-322-25  |
|      | 15m Breathing Airline  | 04-322-50  |
|      | 30m Breathing Airline  | 04-322-100 |

Max working length - 90m  
Max working pressure - 20.7bar

Refer to instruction manual for more detail

#### Fittings and couplers

|       |                        |  |
|-------|------------------------|--|
| NIOSH | RPB® Quick Connect     |  |
|       | Schrader Twist Connect |  |
|       | RPB® RZ Quick Connect  |  |

|    |                                       |  |
|----|---------------------------------------|--|
| CE | CEJN 342 Double Action Safety Coupler |  |
|----|---------------------------------------|--|

#### Flow control devices Part #

|       |                             |        |
|-------|-----------------------------|--------|
| NIOSH | C40™ Climate Control Device | 03-501 |
|       | Flow Control Valve          | NV2016 |

|    |                     |        |
|----|---------------------|--------|
| CE | Constant Flow Valve | 03-102 |
|----|---------------------|--------|

Other NIOSH flow control device and fitting combinations available.

#### Cape options Part #

|              |        |
|--------------|--------|
| Nylon Cape   | 02-813 |
| Leather Cape | 02-814 |



#### Employers

Read the Astro and the flow control device instruction manuals and carry out the employer responsibilities.

Provide the manuals to all users.

#### Product users

Read the Astro and the flow control device instruction manuals and follow the product user safety instructions.

Manuals are regularly updated.

#### Current version of manual and for other languages:

[rpbsafety.com/resources](http://rpbsafety.com/resources)

#### Contact

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